

References: 1. Klimek JJ et al: *J Pediatr* 96:1087-1089, Jun 1980. 2. Schwartz RH et al: *Rev Infect Dis* 4:514-516, Mar-Apr 1982. 3. Cooper J, Inman JS, Dawson AF: *Practitioner* 217:804-809, Nov 1976. 4. Antibiotic Sensitivity Report, Winter 1983. BAC-DATA Medical Information Systems, Inc. 5. Data on file, Hoffmann-La Roche Inc., Nutley, NJ. 6. Wormser GP, Keusch GT, Heel RC: *Drugs* 24:459-518, Dec 1982. 7. *Med Lett Drugs Ther* 23:93-95, Oct 30, 1981.

BACTRIM™ (trimethoprim and sulfamethoxazole/Roche)

Before prescribing, please consult complete product information, a summary of which follows:
Indications and Usage: For the treatment of urinary tract infections due to susceptible strains of the following organisms: *Escherichia coli*, *Klebsiella-Enterobacter*, *Proteus mirabilis*, *Proteus vulgaris*, *Proteus morganii*. It is recommended that initial episodes of uncomplicated urinary tract infections be treated with a single effective antibacterial agent rather than the combination. **Note:** The increasing frequency of resistant organisms limits the usefulness of all antibacterials, especially in these urinary tract infections.

For acute otitis media in children due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over other antimicrobials. To date, there are limited data on the safety of repeated use of Bactrim in children under two years of age. Bactrim is not indicated for prophylactic or prolonged administration in otitis media at any age. For acute exacerbations of chronic bronchitis in adults due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over a single antimicrobial agent.

For enteritis due to susceptible strains of *Shigella flexneri* and *Shigella sonnei* when antibacterial therapy is indicated.

Also for the treatment of documented *Pneumocystis carinii* pneumonia.

Contraindications: Hypersensitivity to trimethoprim or sulfonamides; patients with documented megaloblastic anemia due to folate deficiency; pregnancy at term; nursing mothers because sulfonamides are excreted in human milk and may cause kernicterus; infants less than 2 months of age. **Warnings:** BACTRIM SHOULD NOT BE USED TO TREAT STREPTOCOCCAL PHARYNGITIS. Clinical studies show that patients with group A β -hemolytic streptococcal tonsillopharyngitis have higher incidence of bacteriologic failure when treated with Bactrim than do those treated with penicillin. Deaths from hypersensitivity reactions, hepatocellular necrosis, agranulocytosis, aplastic anemia and other blood dyscrasias have been associated with sulfonamides. Experience with trimethoprim is much more limited but occasional interference with hematopoiesis has been reported as well as an increased incidence of thrombopenia with purpura in elderly patients on certain diuretics, primarily thiazides. Sore throat, fever, pallor, purpura or jaundice may be early signs of serious blood disorders. Frequent CBC's are recommended; therapy should be discontinued if a significantly reduced count of any formed blood element is noted.

Precautions: **General:** Use cautiously in patients with impaired renal or hepatic function, possible folate deficiency, severe allergy or bronchial asthma. In patients with glucose-6-phosphate dehydrogenase deficiency, hemolysis, frequently dose-related, may occur. During therapy, maintain adequate fluid intake and perform frequent urinalyses, with careful microscopic examination, and renal function tests, particularly where there is impaired renal function. Bactrim may prolong prothrombin time in those receiving warfarin; reassess coagulation time when administering Bactrim to these patients.

Pregnancy: Teratogenic Effects: Pregnancy Category C. Because trimethoprim and sulfamethoxazole may interfere with folic acid metabolism, use during pregnancy only if potential benefits justify the potential risk to the fetus.

Adverse Reactions: All major reactions to sulfonamides and trimethoprim are included, even if not reported with Bactrim. **Blood dyscrasias:** Agranulocytosis, aplastic anemia, megaloblastic anemia, thrombopenia, leukopenia, hemolytic anemia, purpura, hypoprothrombinemia and methemoglobinemia. **Allergic reactions:** Erythema multiforme, Stevens-Johnson syndrome, generalized skin eruptions, epidermal necrolysis, urticaria, serum sickness, pruritus, exfoliative dermatitis, anaphylactoid reactions, periorbital edema, conjunctival and scleral injection, photosensitization, arthralgia and allergic myocarditis. **Gastrointestinal reactions:** Glossitis, stomatitis, nausea, emesis, abdominal pains, hepatitis, hepatocellular necrosis, diarrhea, pseudomembranous colitis and pancreatitis. **CNS reactions:** Headache, peripheral neuritis, mental depression, convulsions, ataxia, hallucinations, tinnitus, vertigo, insomnia, apathy, fatigue, muscle weakness and nervousness. **Miscellaneous reactions:** Drug fever, chills, toxic nephrosis with oliguria and anuria, periarteritis nodosa and L.E. phenomenon. Due to certain chemical similarities to some goitrogens, diuretics (acetazolamide, thiazides) and oral hypoglycemic agents, sulfonamides have caused rare instances of goiter production, diuresis and hypoglycemia in patients; cross-sensitivity with these agents may exist. In rats, long-term therapy with sulfonamides has produced thyroid malignancies.

Dosage: Not recommended for infants less than two months of age.

URINARY TRACT INFECTIONS AND SHIGELLOSIS IN ADULTS AND CHILDREN, AND ACUTE OTITIS MEDIA IN CHILDREN:

Adults: Usual adult dosage for urinary tract infections—1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 10-14 days. Use identical daily dosage for 5 days for shigellosis.

Children: Recommended dosage for children with urinary tract infections or acute otitis media—8 mg/kg trimethoprim and 40 mg/kg sulfamethoxazole per 24 hours, in two divided doses for 10 days. Use identical daily dosage for 5 days for shigellosis.

For patients with renal impairment: Use recommended dosage regimen when creatinine clearance is above 30 ml/min. If creatinine clearance is between 15 and 30 ml/min, use one-half the usual regimen. Bactrim is not recommended if creatinine clearance is below 15 ml/min.

ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS IN ADULTS:

Usual adult dosage: 1 DS tablet (double strength), 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 14 days.

PNEUMOCYSTIS CARINII PNEUMONITIS:

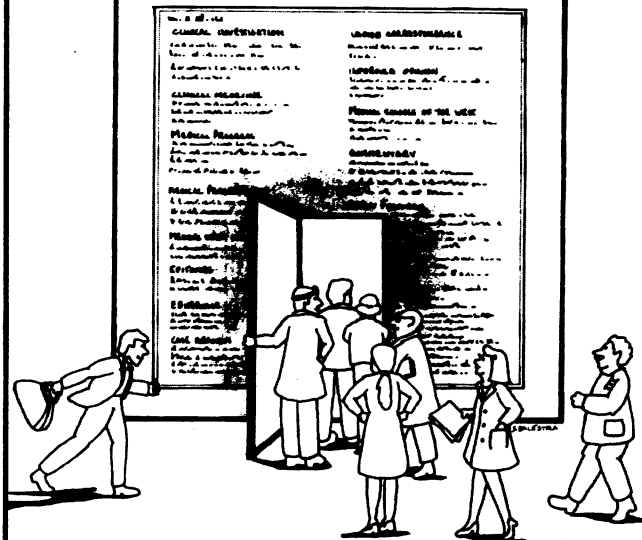
Recommended dosage: 20 mg/kg trimethoprim and 100 mg/kg sulfamethoxazole per 24 hours in equal doses every 6 hours for 14 days. See complete product information for suggested children's dosage table.

Supplied: Double Strength (DS) tablets, each containing 160 mg trimethoprim and 800 mg sulfamethoxazole, bottles of 100, 250 and 500; Tel-E-Dose® packages of 100; Prescription Paks of 20. Tablets, each containing 80 mg trimethoprim and 400 mg sulfamethoxazole—bottles of 100 and 500; Tel-E-Dose® packages of 100; Prescription Paks of 40. **Pediatric Suspension,** containing 40 mg trimethoprim and 200 mg sulfamethoxazole per teaspoonful (5 ml); cherry flavored—bottles of 100 ml and 16 oz (1 pint). **Suspension,** containing 40 mg trimethoprim and 200 mg sulfamethoxazole per teaspoonful (5 ml); fruit-licorice flavored—bottles of 16 oz (1 pint).



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ARIZONA

The following list of continuing medical education programs in Arizona is compiled by the Arizona Medical Association. All courses listed have been certified as meeting the criteria for Category I of the ArMA CME Certificate and the AMA Physicians Recognition Award. To list Category I continuing medical education programs, please send information to Arizona Medical Association, 810 West Bethany Home Road, Phoenix, AZ 85013; or phone (602) 246-8901.

Brochures and registration forms are available from the contact person or organization sponsoring the program.

November 15-16—**Arizona Chapter, American College of Surgeons.** Loews Ventana Canyon Resort, Tucson. Friday-Saturday. Contact: U of A.

November 16-17—**Review and Update of Gastrointestinal Pathology.** Scottsdale Hilton, Scottsdale. Saturday-Sunday. Contact: Arizona Society of Pathologists, (602) 246-8901.

November 25-27—**Cemented Versus Uncemented Revision Total Joint Arthroplasty.** Registry Resort, Scottsdale. Monday-Wednesday. Contact: Medical Meetings Department, St. Luke's Medical Center, (602) 251-8402.

December 6-8—**Cardiopulmonary Diseases.** Camelback Inn, Scottsdale. Friday-Sunday. Contact: Department of Radiology, Maricopa Medical Center, (602) 267-5361.

December 7—**Psychiatry.** Tucson. Saturday. Contact: U of A.

February 13-15—**Them Ol' Bones.** Scottsdale Hilton Hotel, Scottsdale. Thursday-Saturday. Contact: St. Luke's Medical Center, (602) 251-8402.

February 21-23—**Anesthesia for the 80's.** Sheraton Scottsdale Resort, Scottsdale. Friday-Sunday. Contact: Arizona Society of Anesthesiologists, (602) 246-8901.

CONTACT INFORMATION

U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 95724. (602) 626-6173.

February 24-26—**Emergency Care Update VIII.** University of Arizona, Tucson. Monday-Wednesday. Contact: U of A.

February 24-27—**Practical Radiology: MRI, CT, Intervention, Computers and More.** Loews Ventana Canyon Resort, Tucson. Monday-Thursday. Contact: U of A.

February 26-28—**Ninth Annual Mid-Winter Symposium in OB/GYN.** Scottsdale Hilton Hotel, Scottsdale. Wednesday-Friday. Contact: Phoenix OB/GYN Society, (602) 241-1917.

February 26-March 1—**International Ophthalmic Surgery Symposium.** Loews Paradise Valley Resort, Scottsdale. Wednesday-Saturday. Contact: The Eye Foundation, (602) 257-1077.

February 27-March 1—**Current Issues in Neurology and Neurosurgery.** La Posada Resort, Phoenix. Thursday-Saturday. Contact: Barrow Neurological Institute, (602) 285-3000.

March 6-8—**Focus '86.** Doubletree Inn, Scottsdale. Thursday-Saturday. Contact: St. Luke's Medical Center, (602) 251-8402.

March 8—**Rehabilitation and Aging.** Holiday Inn Broadway, Tucson. Saturday. Contact: U of A.

March 9-11—**Abuses and Controversies in Athletics and Exercise.** Tucson. Sunday-Tuesday. Contact: U of A.

March 18-21—**Pediatric Update 1986.** La Posada Resort, Scottsdale. Tuesday-Friday. Contact: Phoenix Children's Hospital, (602) 239-4350.

March 20-22—**22nd Annual Arizona Chest Symposium.** Doubletree Hotel, Tucson. Thursday-Saturday. Contact: U of A.

March 22-23—**12th Annual James H. McDonald Urological Seminar.** Sheraton Scottsdale Resort, Scottsdale. Saturday-Sunday. Contact: Department of Surgery, Maricopa Medical Center, (602) 267-5371.

March 24-26—**Practical Cardiology for the Family Physician.** La Posada Resort, Scottsdale. Monday-Wednesday. Contact: American College of Cardiology, (301) 897-5400.

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CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 44 Gough St., San Francisco 94103; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

ALLERGY AND IMMUNOLOGY

December 7—**International Symposium of IgG4 and its role in Clinical Immunology**. UC Davis, at Hyatt, Burlingame. Saturday. Contact: Office on

KEY TO ABBREVIATIONS

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW:** Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU:** Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC:** Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN:** Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD:** University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Boulevard, Sacramento 95817. (916) 453-5390.
- UCI:** University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA:** University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF:** University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

Continuing Medical Education, School of Medicine Sacramento. (916) 453-5390.

December 26-30—**Allergy, Drugs, and Drug Allergies**. Symposium Maui, Inc. and Hawaii Medical Association at Hawaii. Thursday-Monday. Contact: Joe Harrison, MD, Program Director Symposium Maui, PO Box 10185, Lahaina, Maui, HI. (808) 879-8182.

January 1-4—**Rheumatology and Immunology**. Symposium Maui, Inc. and Hawaii Medical Association, at Kaanapalo, Hawaii. Wednesday-Saturday. Contact: Joe Harrison, MD, Program Director Symposium Maui, Inc. PO Box 10185, Lahaina, Maui, HI 96761. (808) 879-8182 or 661-8032.

ANESTHESIOLOGY

January 9-12—**Anesthesia Update 1986**. UCSD at Hotel del Coronado, San Diego. Thursday-Sunday.

January 24-26—**24th Clinical Conference in Pediatric Anesthesiology**. Pediatric and Anesthesiological Foundation and Childrens Hospital at Marriott Hotel, Los Angeles. Friday-Sunday. Contact: Wayne Herbert, Program Director, (213) 669-2262.

CANCER

December 11-13—**Second National Symposium on Cellular Oncology**. Memorial Medical Center of Long Beach at Palm Springs. Wednesday-Friday. 16 hrs. Contact: Assistant Director Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

CARDIOLOGY

December 2-6—**Chest Radiology Update and Review**. UC at San Diego. Monday-Friday. Contact: Mary J. Ryals, Ryals and Associates, PO Box 610203, DFW Airport, TX 75261-0203. (214) 659-9590.

December 4-7—**Second Annual Seminar and Workshop in Doppler Echocardiography**. UCI at San Francisco. Wednesday-Saturday. 24 hrs. Contact: Kim Stroich, The Institute for Medical Studies, 30131 Town Center Dr., Ste 215, Laguna Nuegué, CA 92677. (714) 495-4499.

December 5-7—**How to Manage Common Cardiac Problems: A Course for the Practicing Physician**. American College of Chest Physicians, at Disneyland Hotel, Anaheim. Thursday-Saturday. 16 hours. \$150-\$325. Contact: American College of Chest Physicians, (312) 698-2200.

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The Western Journal of Medicine

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typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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(Continued from Page 589)

December 6-8—**Vascular and Pulmonary Diseases: Diagnosis and Management.** University of Colorado at Islandia Hyatt Hotel, San Diego. Friday-Sunday. Fee: \$190-\$295. Contact: Medical Education Resources, (800) 421-3756.

December 9-10—**Antwerp-La Jolla Research Conference on Cardiac Function: Inotropic Mechanisms and Heart Failure.** UCSD. Monday-Tuesday. 13 hrs. Contact: Karen Delaney, 3960 Park Blvd., Ste F, San Diego, CA 92103 or (619) 692-9115; or PO Box 33185, San Diego, CA 92103.

December 13-15—**Advances in Heart Disease.** American College of Cardiology at San Francisco. Friday-Sunday. Contact: ACC, 9111 Old Georgetown Rd., Bethesda, MD 20814.

January 30-February 1—**Cardiology 1986: Accomplishments and Expectations.** Scripps Memorial Hospital at Vacation Village Hotel, San Diego. Thursday-Saturday. Contact: Nomi Feldman, 3770 Tansy, San Diego, CA 92138. (619) 453-6222.

EMERGENCY MEDICINE

December 1-6—**Current Concepts in Emergency Care.** Institute for Emergency Medical Education and Washington Chapter of ACEP at Hawaii. Sunday-Friday. 25 hrs. Contact: Group Travel Dept. Kailani World Travel, 4192 Meridian Ave., Bel-lingham, WA 98227-9951. (800) 426-2561 or WA State (800) 562-2597.

December 9-13—**Postgraduate Institute for Emergency Physicians.** UCSD at La Jolla Village Inn, San Diego. Monday-Friday. 33 hrs. Fee: \$215-\$440.

January 13-17—**Postgraduate Institute for Emergency Physicians, Symposium I.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 33 hrs. Fee: \$215-\$440.

January 27-31—**Topics in Emergency Medicine.** UCSF at Holiday Inn, San Francisco. Monday-Friday. Fee: \$400.

INTERNAL MEDICINE

January 31-February 1—**4th Annual Recent Advances in Infectious Disease.** UCD at Red Lion Inn. Sacramento. Friday-Saturday.

OB/GYN

November 16—**Review Course for Gynecologic Pathology.** USC at Hilton Hotel, Pasadena. Saturday. Fee: \$90. Contact: USC.

December 5-8—**Current Issues in Perinatal Medicine.** Memorial Medical Center at Rancho Mirage. Thursday-Sunday. 14 hrs. Contact: Margaret Frederick, Asst. Dir. Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

OPHTHALMOLOGY

January 11—**Blepharoplasty: Cosmetic and Functional Surgery of the Eyelids.** UCLA at Los Angeles. Saturday.

January 17-18—**Advanced Vitrectomy Workshop.** UCLA at Los Angeles. Friday-Saturday.

January 30-February 1—**Lasers in Ophthalmology.** Stanford University at Palo Alto. Thursday-Saturday. 18 hrs.

PEDIATRICS

November 22-25—**Clinical Pediatrics.** American Academy of Pediatrics at Las Vegas. Friday-Monday. Contact: Eve Black, Exec. Sec., PO Box 2134, Inglewood 90305. (213) 757-1198.

December 5-8—**Current Issues in Perinatal Medicine.** Memorial Medical Center of Long Beach at Marriott's Rancho Las Palmas, Rancho Mirage. Thursday-Sunday. 14 hrs. Contact: Margaret Frederick, Center for Health Education, (213) 595-3811.

January 15—**25th Annual Parmelee Memorial Lecture and Neonatal Symposium.** Los Angeles Pediatric Society and California Chapter at Los Angeles. Wednesday. 4 hrs. Fee: \$75. Contact: Eve Black, American Academy of Pediatrics, PO Box 2022, Inglewood, CA 90305. (213) 757-1198.

January 25—**Pediatric Victims of Sexual Assault.** UCI at Orange. Saturday.

January 26-29—**11th Annual Winter Ski and Study Symposium.** American Academy of Pediatrics, at Lake Tahoe. Sunday-Wednesday. 10 hrs. Fee: \$245. Contact: Eve Black, PO Box 2134, Inglewood, CA 90305. (213) 757-1198.

PSYCHIATRY

November 22-24—**Guided Imagery for Clinicians.** Institute for the Advancement of Human Behavior at Honolulu, Hawaii. Friday-Sunday. Fee: \$245-\$350. Contact: IAHB, 4370 Alpine Rd., Ste. 205, Portola Valley 94025. (415) 851-8411.

January 26-31—**12th Annual Midwinter Program for Psychiatrists.** UCD at Hyatt Lake Tahoe. Sunday-Friday. 22 hrs. Fee: \$345 before December 15, 1985; \$400 after December 15, 1985.

RADIOLOGY

December 2-6—**Chest Radiology Update and Review.** UCSD at San Diego. Monday-Friday. 20 hrs. Fee: \$400. Contact: Mary J. Ryals, Ryals and Associates, PO Box 610203, DFW Airport, TX 75261. (214) 659-9590.

January 13-17—**Interventional MRI and Neuroradiology.** UCSF at Fairmont Hotel, San Francisco. Monday-Friday. Fee: \$395.

January 31-February 2—**The 38th Annual Midwinter Radiological Conference.** Continuing Education Committee for the Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Friday-Sunday. 19.5 hrs. Contact: Los Angeles Radiological Society, 5200 Century Blvd., Suite 920, Los Angeles, CA. Attn: Diane L. Johnson, (213) 642-0921.

SPORTS MEDICINE

January 19-24—**Sports Medicine: 1986 (A Primary Care Perspective).** UCD at Hyatt lake Tahoe. Sunday-Friday.

SURGERY

November 16—**Lasers on Clinical Medicine and Surgery.** Memorial Medical Center at Long Beach. Saturday. 7 hrs. Contact: Assistant Director Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

December 7-8—**Lasers for Facial Aesthetics.** American Academy of Facial Plastic and Reconstructive Surgery at Santa Barbara. Saturday-Sunday. Fee: \$325. Contact: Joseph R. Dibartolomeo Ear Foundation, 2420 Castillo St., Santa Barbara, CA 93105. (805) 682-3711.

January 17-18—**8th Annual Surgical Postgraduate Course Catastrophic and Critical Surgical Problems.** UCD at Holiday Inn, Sacramento. Friday-Saturday.

January 20-24—**Annual San Diego Postgraduate Assembly in Surgery.** UCSD at Hotel Intercontinental, San Diego. Monday-Friday. 32 hrs.

OF INTEREST TO ALL PHYSICIANS

November 15-17—**Injured Runner Seminar.** UCSD. Friday-Sunday. 19 hrs. Contact: Isabelle S. Green, Camp International Inc., Box 89, Jackson, MI 49204-0089. (517) 787-1600, ext. 291.

November 16—**Systematic Aspects of Chronic Physical Pain.** Mental Research Institute at Palo Alto. Saturday. 5 hrs. Fee: \$70. Contact: Training Pro-

grams Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

November 24—**17th Annual Symposium of Medicine Today.** UCLA at Sheraton Universal Hotel, North Hollywood. Sunday. \$100. Contact: Symposium Secretary, (818) 360-1021.

December 6-7—**Clinical Nutrition Update for the Practicing Physician.** UCD at Sacramento. Friday-Saturday. Contact: Office of CME, School of Medicine, UCD, 2701 Stockton Blvd., Sacramento, CA 95817. (916) 453-5390.

December 9-12—**Chest Imaging (Pre) 1986.** UCD at Hotel Del Coronado, San Diego. Monday-Thursday. 24 hrs. Fee: \$400.

December 14-21—**Current Concepts in Pain Management.** International Conferences at Hawaii. One Week. 20 hrs. Contact: International Conferences, 189 Lodge Ave., Huntington Station, NY 11746. (516) 549-0869.

January 11—**New Applications of Calcium Channel Blockers.** UCSF at The St. Francis Hotel, Union Square. Saturday. Fee: \$25.

January 18-25—**Infectious Disease and Toxicological Emergencies.** American Institute of Postgraduate Education Scripps Memorial Hospital, at Kona Surg Resort, Hawaii. Fee: \$350. One week.

January 20-24—**Intensive Course in Geriatric Medicine.** UCLA at Miramar Sheraton, Santa Monica. Monday-Friday. 33 hrs.

January 25-26—**Psychodynamic Group Therapy—1986.** UCLA at Sheraton Grande, Los Angeles. Saturday-Sunday. 13.5 hrs. Fee: \$250.

January 26—**MKSAP, Part 1.** UCLA at Los Angeles. Sunday.

January 27-29—**Recent Advances in Geriatric Medicine: Transitions in the System of Long Term Care: The State of the Art.** UCSD at San Diego. Monday-Wednesday. Fee: \$225.

January 29-31—**9th Annual: Neurology for Non-Neurologists.** UCSD at Holiday Inn, San Diego. Wednesday-Friday. 21 hrs.

IDAHO

February 1-8—**Sports Medicine.** University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W School of Medicine, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

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(Continued from Page 594)

February 8-15—Orthopaedics/Radiology. University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

February 15-22—Endocrinology/Diabetes. University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

MONTANA

See Montana listings under WASHINGTON.

NEW MEXICO

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

November 15-16—New Mexico Medical Society Interim Meeting—Human Sexuality Update—1985. Las Cruces. Friday-Saturday. Holiday Inn de Las Cruces. 6 hrs. AMA Cat. I. Contact: NM Medical Society, 303 San Mateo NE, #204, Albuquerque 87108. (505) 266-7868.

November 22—Current Concepts on Causes of Cancer. Los Alamos. Friday. Los Alamos National Labs, Meson Facility. 6 hrs. AMA and NM Cat. I. Contact: Jerry Williams, MD, PO Box 1663, MS-D421, Los Alamos 87545.

November 22-23—Infectious Disease Update. Albuquerque. Friday-Saturday. Sheraton Old Town. 10

hrs. AMA Cat. I. Contact: Lovelace Medical Center, Office of CME, 5400 Gibson SE, Albuquerque 87108. (505) 262-7353.

December 5-7—New Mexico Chapter, American College of Physicians, and New Mexico Society of Internal Medicine—Annual Meetings. Thursday-Saturday. Marriott Hotel, Albuquerque. 12 hrs. AMA Cat. I. Contact: UNM.

December 13-14—Trauma Update '85. Albuquerque. Friday-Saturday. Convention Center. AMA Cat. I. Contact: UNM.

January 25-26—New Mexico Chapter, American Academy of Family Physicians. Albuquerque. Saturday-Sunday. Marriott Hotel. 13 hrs. AAFP Prescribed, New Mexico Required Education, Cat. I. Contact: NM Chapter, AAFP, PO Box 23070, Albuquerque 87192. (505) 298-5300.

January 31-February 3—Murphy's Law in Orthopaedics. Friday-Monday. Quail Ridge Inn (formerly Tennis Ranch of Taos). 16 hrs. AMA Cat. I and New Mexico Required Education, Cat. I. Contact: Barry Maron, MD, 8324 Constitution Pl. NE, Albuquerque 87110. (505) 292-6062.

February 10-14—Taos Medical Symposium. Monday-Friday. Quail Ridge Inn (formerly Tennis Ranch of Taos). 18 hrs. AMA Cat. I, NM Required Education, Cat. I. AAFP Prescribed credit. Contact: Dale A. Gray, MD, 3901 Georgia NE, Albuquerque 87110. (505) 881-6699.

February 14-16—Second Annual Presbyterian Heart Institute Symposium—Case Studies in Cardiology. Friday-Sunday. Presbyterian Hospital, Albuquerque. 19 hrs. AMA Cat. I, New Mexico Required Education, Cat. I. Contact: Gilbert Raff, MD, 201 Cedar SE, #604, Albuquerque 87106. (505) 242-2796.

February 20-22—19th Annual OB/GYN Postgraduate Seminar. Albuquerque. Thursday-Saturday. Hilton Inn. AMA Cat. I. Contact: UNM.

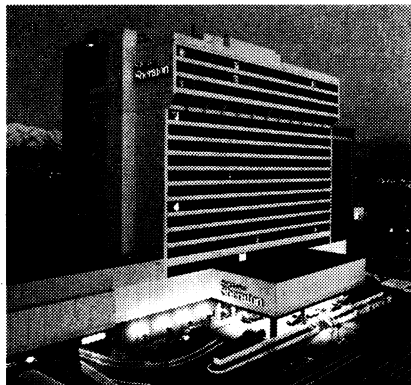
February 27-March 1—Second Annual Ruidoso Heart Symposium—Practical Cardiology Update. Thursday-Saturday. Inn of the Mountain Gods. 16 hrs. AMA Cat. I, NM Required Education, Cat. I. Contact: American Heart Association, NM Affiliate, (505) 268-3711.

March 8—New Mexico Pediatric Society—Wylder Lecture—Pediatric Allergies. Saturday. School of Nursing Building, UNM Campus. 4.5 hrs. AMA Cat. I, NM Required Education, Cat. I. Contact: Marilyn Stark, NM Pediatric Association, 7605 Mountain Rd NE, Albuquerque 87110. (505) 265-7431.

CONTACT INFORMATION

UNM—Contact: University of New Mexico School of Medicine, Office of CME, Albuquerque 87131. (505) 277-3942.

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CONTINUING MEDICAL EDUCATION

OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 12:15 p.m. to 1:00 p.m. **Medical Grand Rounds.** Contact: Philippa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (503) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Nursing Education Building, Room 110. Contact: Department of Medicine, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7454.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center,

Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

EMERGENCY MEDICINE

November 14-15—**Symposium on Critical Care Medicine.** Red Lion/Jantzen Beach. Thursday-Friday. Contact: OHSU-CME.

FAMILY PRACTICE

February 10-14—**Family Practice Review.** Portland. Monday-Friday. Red Lion/Lloyd Center. Contact: OHSU-CME.

OF INTEREST TO ALL PHYSICIANS

December 4—**Cardiovascular Transdermal Conference.** Portland. Wednesday. Oregon Health Sciences University Library Auditorium. Contact: OHSU-CME.

February 9—**March of Dimes—Sharpening the Focus on Prenatal Care.** Portland. Sunday. Red Lion/Lloyd Center. Contact: OHSU-CME.

February 27-March 2—**Update in Rheumatology.** Bend. Thursday-Sunday. Inn of the Seventh Mountain. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

(Continued on Page 600)

(Continued from Page 598)

MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

* * *

November 8-9—**Advanced Trauma Life Support** (Sponsor: University of Utah/Utah Department of Health). Friday-Saturday. Quality Inn, Salt Lake City. 16 hrs. Contact: Kim Tanner, (801) 533-6608.

January 20-23—**International Biomedical Engineering Symposium** (Sponsor: University of Utah). Monday-Thursday. Salt Lake City Salt Palace. 18 hrs. Contact: Joseph Andrade, PhD, (801) 581-7236.

April 10-12—**Neurology for the Practitioner** (Sponsor: University of Utah). Thursday-Saturday. Salt Lake City Sheraton. 18 hrs. Contact: J. Richard Baringer, MD, (801) 581-8664.

March 6-7—**Utah Ophthalmological Society Annual**

SPONSORS OF COURSES—ABBREVIATIONS

AF:	Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
CH:	Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
CWH:	Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
FHP:	Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
HAFB:	Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
HCH:	Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
LDSH:	Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
OEH:	Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PCMC:	Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
SHCC:	Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
SLSC:	Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
UAFP:	Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
UUMC:	University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
USMA:	Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
UVH:	Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
VAMC:	Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

Park City Winter Meeting: Corneal Disease (Sponsors: Utah Ophthalmological Society and University of Utah). Thursday-Friday. Holiday Inn/Yarrow, Park City. Contact: Pam Hanson, (801) 355-5290.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

November 15—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 15—**Neuro-Ophthalmology Seminar.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.

November 15-16—**Seafood and Health Conference.** Seattle. Friday-Saturday. Seattle Sheraton. Contact: U/W.

November 19—**Common Knee Problems.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

November 21—**Pacific Northwest Endoscopy Society.** Seattle. Thursday. Four Seasons Olympic. Contact: U/W.

November 23-30 (HAWAII)—**Medical Malpractice: Preventive Approach.** Maui. One week. Royal Lahaina. Contact: U/W.

November 26—**Office Dermatology.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

November 29-30—**Symposium on Breast Disease.** Seattle. Friday-Saturday. Seattle Sheraton. Contact: U/W.

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COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

(Continued from Page 600)

- November 29—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- December 5-6—**Aging and the Elderly.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.
- December 6—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- December 6—**Practical Pediatrics.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.
- December 7—**Radiology Northwest.** Seattle. Saturday. U/W Health Sciences Building. Contact: U/W.
- December 7-8—**Washington State Society of Anesthesiologists Winter Meeting.** Seattle. Saturday-Sunday. Four Seasons Olympic Hotel. Contact: Patti Smith, Washington State Society of Anesthesiologists, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 441-9762.
- December 11—**Hypertension.** Seattle. Wednesday. Westin Hotel. Contact: U/W.
- December 13—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- December 17—**Rheumatoid Arthritis—1985.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.
- December 20—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- December 27-January 3 (HAWAII)—**Advances in Internal Medicine.** Kauai. One week. Waiohai Hotel. Contact: U/W.
- January 3—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- January 10—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- January 14—**Osteoporosis: DX and RX.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.
- January 17—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- January 17-18—**Advances in Internal Medicine.** Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.
- January 21—**Immunization Updates.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.
- January 22 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.
- January 23 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.
- January 23-24—**MKSAP VII Review Course.** Seattle. Thursday-Friday. Virginia Mason Medical Center. Contact: VMMC.
- January 24-25—**Eye Care for Primary MDs.** Seattle. Friday-Saturday. Westin. Contact: U/W.
- January 24—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- January 24 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.
- January 30-31—**Updates in Cardiology.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.
- January 31—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- February 1-8 (IDAHO)—**Sports Medicine.** Sun Valley. One week. Elkhorn Resort. Contact: U/W.
- February 6-7—**Neurology Update.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.
- February 7—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- February 7-8—**Clinical Problems in Urology.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.
- February 8-15 (IDAHO)—**Radiology.** Sun Valley. One week. Elkhorn Resort. Contact: U/W.
- February 14—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- February 15-22 (IDAHO)—**Endocrinology/Diabetes.** Sun Valley. One week. Elkhorn Resort. Contact: U/W.
- February 18—**Antiviral Strategies.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.
- February 19 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Columbus Hospital. Contact: U/W.
- February 20 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.
- February 20-22 (HAWAII)—**Father Damien's Colony.** Molokai. Thursday-Saturday. Sheraton Molokai. Contact: U/W.
- February 21—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.
- February 21 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.
- February 23-March 1 (HAWAII)—**Trauma/Surgery.** Kona. Sunday-Saturday. Royal Waikoloa. Contact: U/W.
- February 25—**Child Rearing Practices.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.
- February 28—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

(Continued on Page 608)

Motrin® Tablets
(ibuprofen)

Indications and Usage: Treatment of signs and symptoms of rheumatoid arthritis and osteoarthritis. Relief of mild to moderate pain and primary dysmenorrhea. Safety and efficacy in children are not established.

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to MOTRIN or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use MOTRIN under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If MOTRIN is used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with MOTRIN.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue MOTRIN and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with MOTRIN; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of MOTRIN safety in patients with chronic renal failure have not been done.

MOTRIN can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of **gastrointestinal ulceration** or bleeding, blurred vision, skin rash, weight gain, or edema. Patients on prolonged **corticosteroid therapy** should have therapy tapered slowly when MOTRIN is added.

The antipyretic, anti-inflammatory activity of MOTRIN may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (eg, eosinophilia, rash, etc.), MOTRIN should be discontinued.

In cross-study comparisons with 1200 mg to 3200 mg daily for several weeks, a slight dose-response decrease in hemoglobin/hematocrit was noted. The total decrease in hemoglobin usually does not exceed 1 gram.

Drug interactions—Aspirin: used concomitantly may decrease MOTRIN blood levels.

Coumarin: bleeding has been reported in patients taking MOTRIN and coumarin.

Pregnancy and nursing mothers: MOTRIN should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with MOTRIN is gastrointestinal, of which one or more occurred in 4% to 16% of the patients. Reported side effects were higher at 3200 than at 2400 mg/day or less.

Incidence Greater Than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence Less Than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit (see PRECAUTIONS); **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence Less Than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis, cataracts; **Hematologic:** Bleeding episodes (eg, epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction, acidosis; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis, angioedema; **Renal:** Renal papillary necrosis.

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June 1985
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CONTINUING MEDICAL EDUCATION

(Continued from Page 604)

February 28-March 1—**Neurology—Past, Present, Future.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

March 7—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 14—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 15-22 (HAWAII)—**Death Investigation.** Maui. One week. Royal Lahaina. Contact: U/W.

March 15-22 (HAWAII)—**Advanced Cardiac Life Support.** Kauai. One week. Kauai Sheraton. Contact: U/W.

March 18—**Shoulder Injuries.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

March 19 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

March 20 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

March 21 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

March 21—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 21-22—**Medicine for Psychotherapists.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

March 22—**Radiology Northwest.** Seattle. Saturday. UW Health Sciences Building. Contact: U/W.

March 22-29 (HAWAII)—**Ortho/OBGYN/Pain/Obesity/Surgery.** Kauai. One week. Kauai Sheraton. Contact: U/W.

March 25—**What's New In Imaging.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

March 28—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 3-4—**Oncology.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

April 4—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 5—**Mason Clinic Day.** Seattle. Saturday. Virginia Mason Medical Center. Contact: VMMC.

April 5-12 (HAWAII)—**Drug Therapy.** Kauai. One week. Sheraton Princeville. Contact: U/W.

April 7-18—**Rehab Medicine Review.** Seattle. Monday-Friday. Seattle Sheraton. Contact: U/W.

April 11—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 15—**Reflux and Surgery.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

April 16 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

April 17 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

April 18—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 18 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

April 22—**Common Knee Strains/Sprains.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

April 25—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 1-5—**Psychomotor Skill.** Seattle. Thursday-Monday. Westin Hotel. Contact: U/W.

May 2—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 2-3—**Functional Disease.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

May 8-9—**MKSAP VII Review Course.** Seattle. Thursday-Friday. Virginia Mason Medical Center. Contact: VMMC.

May 9—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 16—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 20—**Hyperlipidemias.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

May 21 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

May 22 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

May 23 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

May 23—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 27—**Hyperlipidemia.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

May 30—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

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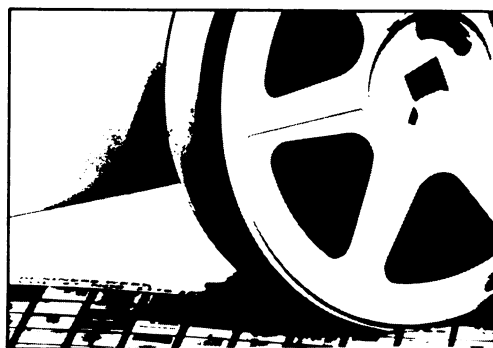
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the first five weeks of enrollment in a day-care center, there is an average diarrheal attack rate of 25%, declining to 10% among those remaining in the center. The spread of colds and fevers due to a wide variety of microorganisms is traditional; these are most frequent among younger children.

Some control measures are obvious. A program of washing the hands of the staff and of the children after possible contamination with fecal material can reduce the incidence of diarrheal disease by about half. A program of administering immunoglobulin when cases of diarrheal disease occurred in a center child or employee or among parents in two families eliminated cases among center personnel and reduced cases in the community by 75%. Rigorous adherence to immunization schedules eliminates the threat of the vaccine-preventable diseases. Day-care center operators or parents are concerned about keeping a sick child out of the centers. Because infectious agents have probably already

been spread during the late incubation, however, exclusion may only force a parent to seek another place for child care, further spreading the infection. Therefore, consideration should be given to admitting sick children to the day-care center if facilities and personnel are available to permit separating sick from healthy children.

Day-care centers will increase in importance; professional supervision to assure minimal disease transmission is necessary.

ABRAM S. BENENSON, MD
San Diego

REFERENCES

- Black RE, Dykes AC, Anderson KE, et al: Handwashing to prevent diarrhea in day-care centers. *Am J Epidemiol* 1981 Apr; 113:445-451
- Hadler SC, Erben JJ, Matthews D, et al: Effect of immunoglobulin on hepatitis A in day-care centers. *JAMA* 1983 Jan 7; 248:48-53
- The Child Day Care Infectious Disease Study Group: Public health considerations of infectious disease in child day care centers. *J Pediatr* 1984 Nov; 105:683-701

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Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

COMPREHENSIVE MANAGEMENT OF RESPIRATORY EMERGENCIES—Edited by Barry E. Brenner, MD, PhD, Assistant Director, Emergency Medicine Center, UCLA Hospital and Clinics, and Assistant Professor of Medicine, UCLA Center for Health Sciences, Los Angeles. Aspen, 1600 Research Blvd, Rockville, MD 20805, 1985. 386 pages, \$61.50.

CURRENT SURGICAL DIAGNOSIS & TREATMENT—Seventh Edition—Edited by Lawrence W. Way, MD, Professor of Surgery, University of California, San Francisco, School of Medicine; Chief of Surgical Service, Veterans Administration Medical Center, San Francisco; illustrated by Laurel V. Schaubert. Lange Medical Publications, Drawer L, Los Altos, CA 94022, 1985. 1,226 pages, \$31.50 (softbound).

DRG SURVIVAL MANUAL FOR THE CLINICAL LAB—Edited by Robert J. Fitzgibbon, Editor, MLO/Medical Laboratory Observer, and Bernard E. Statland, MD, PhD, Director of Laboratory Medicine, Professor of Pathology and Medicine, Boston University Medical Center. Medical Economics Books, Oradell, NJ 07649, 1985. 264 pages, \$19.95 (soft cover).

THE ECONOMICS AND POLITICS OF HEALTH—Revised Edition—Rita Ricardo-Campbell, PhD, Senior Fellow, Hoover Institution, Stanford University, Stanford, California. The University of North Carolina Press, PO Box 2288, Chapel Hill, NC 27514, 1982. 366 pages, price not given (paperback).

EMERGENCY PROBLEMS IN THE ELDERLY—Edited by Edward P. Hoffer, MD, FRCP(C), Associate Professor of Medicine, University of Massachusetts Medical School, Worcester; Lecturer in Medicine, Harvard Medical School, Boston, and Director of Pre-Hospital Care, Framingham Union Hospital, Framingham, Massachusetts. Medical Economics Books, 680 Kinderkamack Rd, Oradell, NJ 07649, 1985. 240 pages, \$22.95.

EXPLORING NEW VISTAS IN HEALTH CARE—Edited by John M. Virgo, Atlantic Economic Society, International Health Economics and Management Institute, Southern Illinois University at Edwardsville; Foreword by C. Everett Koop, Surgeon General, United States Public Health Services. International Health Economics and Management Institute, Box 101, Southern Illinois University at Edwardsville, Edwardsville, IL 62026, 1985. 341 pages, \$25, US and Canada; \$30, overseas (paperback).

MAXILLOFACIAL INJURIES—2 Volumes—N. L. Rowe, CBE, FRCS(Eng), FDSRCS(Eng), Hon. FDSRCS(Edin), Hon. FDSRCS(Glasg), Hon. FDSRCS(Irel), Honorary Consultant in Oral and Maxillofacial Surgery to the Westminster Hospital, London, and Queen Mary's Hospital, Roehampton, UK, and J. L. Williams, MB, BS, BDS, FDSRCS(Eng), LRCP(Lond), MRCS(Eng), Consultant Oral and Maxillofacial Surgeon, South West Thames Regional Health Authority, and Honorary Consultant Oral and Maxillofacial Surgeon, Queen Mary's Hospital, Roehampton, and King Edward VII Hospital, Midhurst, Sussex, UK. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 1,014 pages, \$195.

MIGRAINE—UNDERSTANDING A COMMON DISORDER—Oliver Sacks, MD, Professor of Clinical Neurology, Albert Einstein College of Medicine, New York. University of California Press, 2120 Berkeley Way, Berkeley, CA 94720, 1985. 257 pages, \$17.95.

PEDIATRIC EMERGENCIES—Volume 7 in Clinics in Emergency Medicine—Edited by Stephen Ludwig, MD, Associate Professor of Pediatrics, University of Pennsylvania School of Medicine; Director, Emergency Department, Children's Hospital of Philadelphia, and Educational Coordinator, Supportive Child Adult Network, Inc, Philadelphia. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 256 pages, \$35.

PLAY SAFE—HOW TO AVOID GETTING SEXUALLY TRANSMITTED DISEASES—Bea Mandel and Byron Mandell. Center for Health Information, PO Box 4636, Foster City, CA 94404, 1985. 98 pages, \$4.95 (paperback).

PREMENSTRUAL SYNDROME—A CLINIC MANUAL—H. Jane Chihai, MD, PhD, Texas Endocrine and Fertility Institute, Carrollton, Texas. Creative Informatics, Inc, PO Box 1607, Durant, OK 74702-1607, 1985. 149 pages, price not given (softbound).

RADIONUCLIDE IMAGING OF THE BRAIN—Volume 1 in Contemporary Issues in Nuclear Imaging—Edited by B. Leonard Holman, MD, Professor of Radiology, Harvard Medical School, and Director, Clinical Nuclear Medicine Service, Brigham and Women's Hospital, Boston. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 223 pages, \$55.

THE RESIDENT'S FRIEND—BETTER PATIENT CARE THROUGH COMPUTING—An information management program for medical students, interns, residents, and fellows on Apple™-type computers—Bruce I. Rose, PhD, MD, Stanford University Hospital, Stanford, California. BYTE-OMEGA, 695 Torrey Drive, Sunnyvale, CA 94087, 1984. This software package contains two program disks, warranty card and manual and is available for \$99 + \$3 shipping + (applicable California) tax.

REVIEW OF MEDICAL PHYSIOLOGY—12th Edition—William F. Ganong, MD, Jack and DeLoris Lange Professor of Physiology, and Chair, Department of Physiology, University of California, San Francisco. Lange Medical Publications, Los Altos, CA 94023, 1985. 654 pages, \$22.50.

SCIENTIFIC BASIS OF OBSTETRICS AND GYNAECOLOGY—Edited by Ronald R. Macdonald, MD, FRCS(Ed), FRCOG, Consultant Obstetrician and Gynaecologist, The Hospital for Women and Children, The General Infirmary, and Senior Clinical Lecturer in Obstetrics and Gynaecology, University of Leeds, United Kingdom. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 514 pages, \$59.

SEPTIC SHOCK—Volume 4 in Contemporary Issues in Infectious Diseases—Edited by Richard K. Root, MD, Professor and Vice Chairman, Department of Medicine, University of Washington School of Medicine, and Chief, Medical Service, Seattle Veterans Administration Medical Center, Seattle, and Merle A. Sande, MD, Professor and Vice Chairman, Department of Medicine, University of California, San Francisco, School of Medicine, and Chief, Medical Service, San Francisco General Hospital. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 276 pages, \$42.

TEXTBOOK OF ANAESTHESIA—Edited by G. Smith, BSc, MD, FFARCS, Professor of Anaesthesia, and A. R. Aitkenhead, BSc, MB, ChB, FFARCS, Senior Lecturer in Anaesthesia, University of Leicester School of Medicine, Leicester, UK. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 564 pages, \$36 (paperback).

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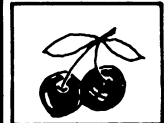
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WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 4-7, 1986, Mt McKinley Chalet, DeNali Park.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: June 5-7, 1986, Loews Ventana Canyon Resort, Tucson.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: February 28-March 5, 1986, Bonaventure Hotel, Los Angeles.

Colorado Medical Society—PO Box 17550, Denver 80217-0550. (303) 779-5455. Annual Meeting: 1986: date and place to be announced.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: 1986: date and place to be announced.

Idaho Medical Association—305 W. Jefferson, PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: 1986: date and place to be announced.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 443-4000. Annual Meeting: 1986: date and place to be announced.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 2-4, 1986, Winnemucca.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Interim Meeting: November 15-16, 1985, Holiday Inn de Las Cruces, Las Cruces. Centennial Meeting: April 30-May 2, 1986, Clarion Four Seasons, Albuquerque.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: (House of Delegates only): April 25-27, 1986, Valley River Inn, Eugene.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1986: date and place to be announced.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: 1986: date and place to be announced.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 25-29, 1986, Jackson Lake Lodge, Moran.

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